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APPLICATION

10

FOR UNITED STATES LETTERS PATENT

15

SPECIFICATION

20

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT I, SCOTT C. BRIGHAM, a citizen of
25 UNITED STATES OF AMERICA, have invented a new and useful
EXERCISE MAT AND PUNCHING ASSEMBLY COMBINATION of
which the following is a specification:

EXERCISE MAT AND PUNCHING ASSEMBLY COMBINATION

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BACKGROUND OF THE INVENTION

Field of the Invention

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The present invention relates to punching bag devices and more particularly pertains to a new punching bag device for that can be used as a punching bag while also providing an exercise mat.

15 Description of the Prior Art

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The use of punching bag devices is known in the prior art. U.S. While these devices fulfill their respective, particular objectives and requirements, the need remains for a device that combines the usefulness of a punching bag with an exercise mat.

SUMMARY OF THE INVENTION

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The present invention meets the needs presented above by incorporating a removable panel with a punching bag assembly so that the panel may be removed to be used an exercise mat. The mat may be used for stretching, sit-ups, push-ups and the like.

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Another object of the present invention is to provide a new punching bag device that may be filled with water to alter the weight of the punching bag and to give the punching bag stability.

Still yet another object of the present invention is to provide a new punching bag device that includes a central member to which a plurality of punching targets may be removably attached.

5 To this end, the present invention generally comprises a base having a bottom wall, a top wall and a peripheral wall extending between and being attached to the bottom and top walls such that a substantially watertight interior of the base is defined. The peripheral wall has an inlet conduit extending into the interior. A peripheral lip is attached to and
10 extends upwardly from a juncture of the peripheral wall and the top wall. A central member is selectively positionable on the top wall and extends upwardly therefrom. The peripheral lip extends around a lower portion of the central member such that the central member is supported in vertical orientation. A panel has a first end edge, a second end edge, an upper
15 edge and a lower edge. The panel comprises a cushioning material and has a size and shape such that the panel may be extended around the central member such that the first and second end edges are positioned adjacent to each other. A fastening assembly is attached to the panel for releasably fastening the first end edge to the second end edge. The interior of the
20 base may be selectively filled with a liquid.

There has thus been outlined, rather broadly, the more important features of the invention in order that the detailed description thereof that follows may be better understood, and in order that the present
25 contribution to the art may be better appreciated. There are additional features of the invention that will be described hereinafter and which will form the subject matter of the claims appended hereto.

The objects of the invention, along with the various features of
30 novelty which characterize the invention, are pointed out with particularity in the claims annexed to and forming a part of this disclosure.

BRIEF DESCRIPTION OF THE DRAWINGS

5 The invention will be better understood and objects other than those
set forth above will become apparent when consideration is given to the
following detailed description thereof. Such description makes reference
to the annexed drawings wherein:

10 Figure 1 is a schematic perspective in-use view of an exercise mat
and punching assembly combination according to the present invention.

Figure 2 is a schematic expanded perspective view of the present
invention.

15 Figure 3 is a schematic perspective view of the panel of the present
invention.

20 Figure 4 is a schematic perspective view of the panel of the present
invention.

Figure 5 is a schematic cross-sectional view taken along line 5-5 of
Figure 1 of the present invention.

25 Figure 6 is a schematic perspective view of the bottom edge of the
panel of the present invention.

Figure 7 is a side view of the hitting targets of the present
invention.

30 DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference now to the drawings, and in particular to Figures 1
through 7 thereof, a new punching bag device embodying the principles

and concepts of the present invention and generally designated by the reference numeral 10 will be described.

As best illustrated in Figures 1 through 7, the exercise mat and
5 punching assembly combination 10 generally comprises a base 12 having a
bottom wall 14, a top wall 16 and a peripheral wall 18 extending between
and is attached to the bottom 14 and top 16 walls such that a substantially
watertight interior 20 of the base 12 is defined. The peripheral wall 18
has an inlet conduit 22 extending through the top wall 16 and into the
10 interior 20. Preferably, a cap 23 may be selectively fitted over the inlet
conduit 22 for selectively opening or closing such. A peripheral lip 24 is
attached to and extends upwardly from a juncture of the peripheral wall 18
and the top wall 16. A drainage hole 28 extends through the peripheral
wall 18. A plug member 30 is positioned in the drainage hole 28 for
15 selectively opening or closing the drainage hole 28. The peripheral wall
18 is angled inward from the bottom wall 14 to the top wall 16. The
peripheral lip 24 has an inner diameter having a generally circular shape.

A central member 32 is selectively positionable on the top wall 16.
20 and extends upwardly therefrom. The peripheral lip 24 extends around a
lower portion of the central member 32 such that the central member 32 is
supported in vertical orientation. The central member 32 includes a lower
wall 34, an upper wall 36 and a perimeter wall 38 extending between and
is attached to the lower wall 34 and the upper wall 36. The perimeter wall
25 38 has a plurality of wells 40 extending therein. Each of the wells 40 has
a threaded surface 41. The wells 40 may be formed by tubes extending
through the central member 32 as depicted in Figure 5. The wells are
preferably distributed at varying distances from the upper wall 36. The
central member 32 preferably has a substantially cylindrical shape. A
30 plurality of punching targets 42 each includes a rod 43 attached thereto.

The punching targets 42 are preferably cushioned bags having a volume of less than 2 cubic feet. Each of the rods 43 is selectively extendable into one of the wells 40. The rods 43 are each threaded for threadably coupling with the threaded surfaces 41 of the walls.

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A panel 48 has a first end edge 50, a second end edge 52, an upper edge 54 and a lower edge 56. The panel 48 comprises a cushioning material and defines an exercise mat preferably having a plurality of sections 58 pivotally coupled together. The panel 48 has a size and shape
10 such that the panel 48 may be extended around the central member 32 such that the first 50 and second 52 end edges are positioned adjacent to each other. The panel 48 may include a plurality of apertures 59 extending therethrough and positioned generally adjacent to the upper edge 54 for selectively hanging the panel 48.

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A fastening assembly 60 is attached to the panel 48 for releasably fastening the first end edge 50 to the second end edge 52. The fastening assembly includes a flap 62 that is attached to and extends away from a length of the first side edge 50. A first mating portion 64 is attached to
20 the flap 62. A second mating portion 66 is attached to the panel 48 and is positioned adjacent to the second side edge 52. The first mating portion 64 may be selectively attached to the second mating portion 66. The first 64 and second 66 mating portions preferably comprise a hook and loop fastening assembly, though snaps, a zipper or other mechanical fasteners
25 may be used.

A securing assembly 68 is attached to the panel 48 and the peripheral lip 24 for releasably securing the panel 48 to an upper edge 26 of the peripheral lip 24. The securing assembly 68 preferably also
30 includes a hook and loop fastening assembly having a hook portion and a

loop portion. One of the hook and loop portions is attached to an upper edge 26 of the peripheral lip 24 and the other of the hook and loop portions is attached to the lower edge 56 of the panel 48.

5 In use, the interior 20 of the base 12 may be selectively filled with a liquid, preferably water. The water gives the base 12 stability and weight so that they it is not easily moved and can withstand kicks or punches without excessive shifting or movement. The panel 48 is positioned around the central member 32 when the central member 32 is used as a
10 punching or kicking bag. The user may remove the panel 48 from the central member 32 and use it as a conventional exercise mat as shown in Figure 3. With the panel 48 removed, the hitting targets 42 may be attached to the central member to offer varyingly positioned targets for hitting and kicking.

15 With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of the invention, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to
20 one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by the present invention.

25 Therefore, the foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention.